96.015 – Facility Management Standard (FMSFIE)

Scope: Development of transactional data content standard for life cycle Facility Management (FM), called Facility Management Standard for facilities, infrastructure, & environment (FMSFIE).

Products: (1) FM data standard, (2) Interactive software tools, (3) Implementation guidance, (4) distribution via CD-ROM and Internet download, (5) Internet web site, and (6) Customer assistance.

PI – Bobby Carpenter

96.015 – Facility Management Standard (FMSFIE)

• Component 1 – Prepare Technical Content/Guidance for FMSFIE Release

• Component 2 – Prepare Software Tools for FMSFIE Release

• Component 3 – FMSFIE Meetings

• Component 4 – Develop Transactional Assets & Environmental Data Models

• Component 5 – Enhance Federal Real Property Management Regulations Web Site

96.013 – Spatial Data Standard (FMSFIE)

Component 1 – Prepare Technical Content/Guidance for FMSFIE Release

- **Interim Release** – Interim FMSFIE Release 2.21 available for download on January 15, 2003.

- **Full Release** – FMSFIE Release 2.30 currently scheduled for September 30, 2003. First release of Transactional FMSFIE to be included.
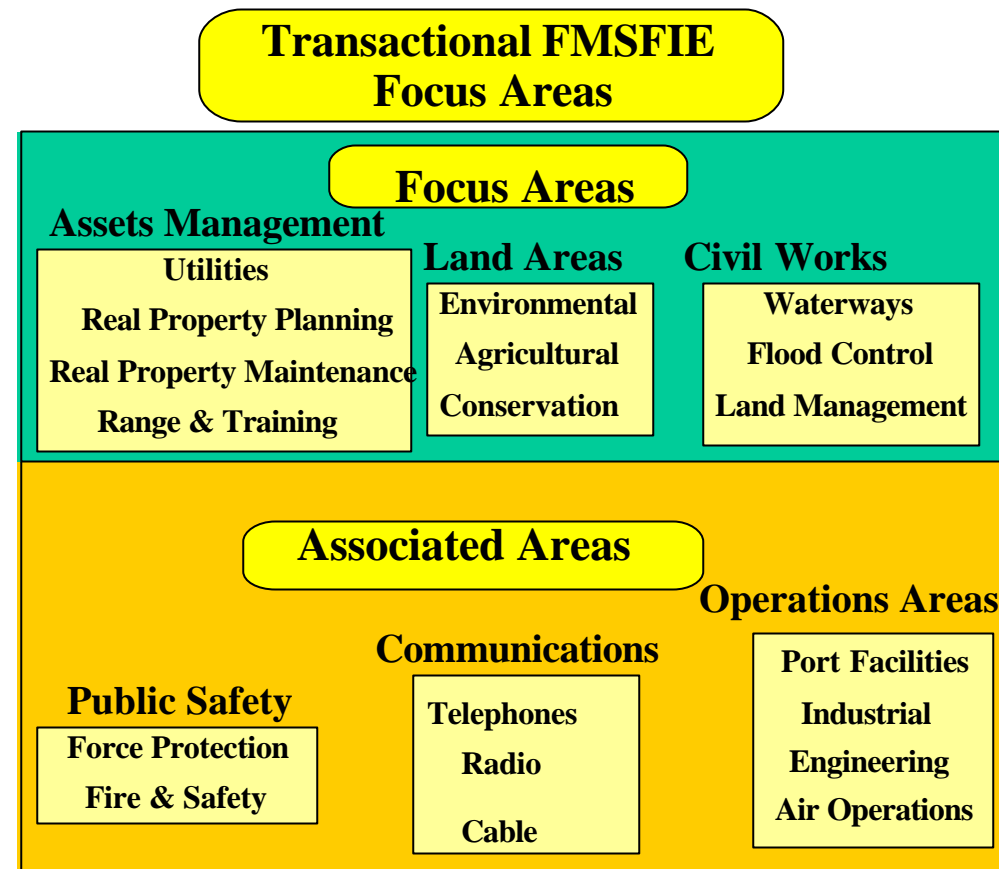
- **WebSite** – FMSFIE WebSite has been updated monthly - http://tsc.wes.army.mil/products/tssds-tsfms/fms/fmsprods.asp

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Component 1 – Prepare Technical Content/Guidance for FMSFIE Release

FMSFIE Strategic Plan –

- Provides goals and objectives for development of FMSFIE.

- Provides plan for migrating FMSFIE to a transactional data model.

- Updated at September 17, 2002 FM Focus Group Meeting.

Transactional FMSFIE Focus Areas

Focus Areas

Assets Management
- Utilities
- Real Property Planning
- Real Property Maintenance
- Range & Training

Land Areas
- Environmental
- Agricultural
- Conservation

Civil Works
- Waterways
- Flood Control
- Land Management

Associated Areas

Public Safety
- Force Protection
- Fire & Safety

Communications
- Telephones
- Radio
- Cable

Operations Areas
- Port Facilities
- Industrial
- Engineering
- Air Operations
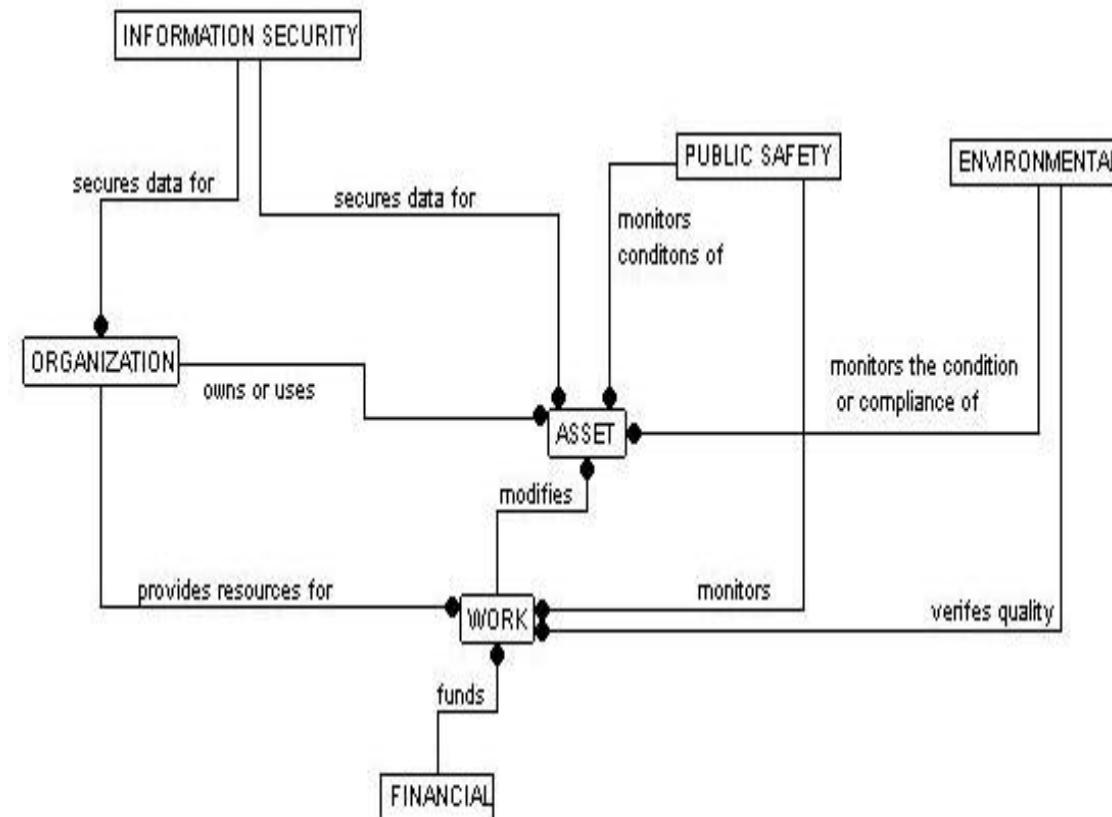
96.015 – Facility Management Standard (FMSFIE)

Component 1 – Prepare Technical Content/Guidance for FMSFIE Release

Transactional FMSFIE –

- Will be designed for management of life-cycle FM data.

- Will be designed to share data (be integrated) with both GIS (the SDSFIE) & CADD (A/E/C CADD Standards) technology.

- Will be designed for implementation on an enterprise (i.e., installation wide) relational database.

- Naming Conventions were updated at September 2002 FM Focus Group Meeting.
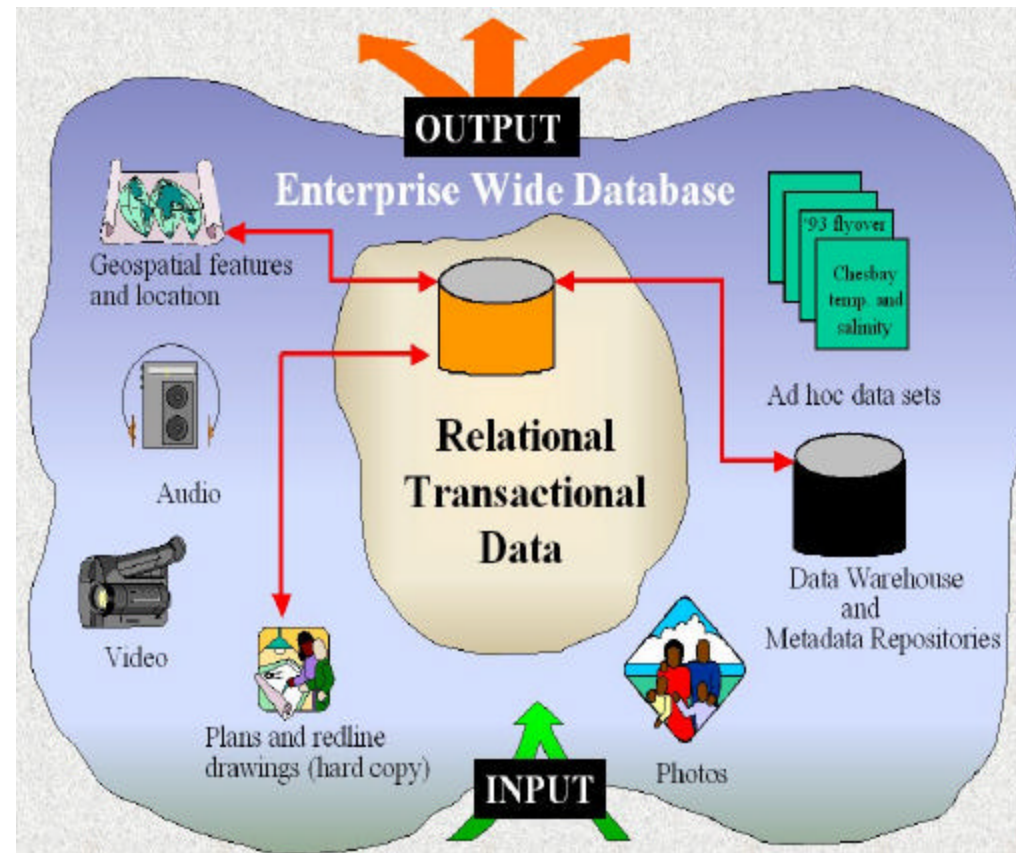
Component 1 – Prepare Technical Content/Guidance for FMSFIE Release

Transactional FMSFIE –

- Will include seven Entity Sets:
  - Assets
  - Work
  - Environmental
  - Organization
  - Public Safety
  - Information Security
  - Financial

- Guidelines for development determined by FM Focus Group.

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96.013 – Spatial Data Standard (FMSFIE)

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Component 2 – Develop Software Tools for FMSFIE Release

- **FMSFIE Browser** – Beta transactional FMSFIE Browser completed in December 2002.

- **Full Release** – FMSFIE Release 2.30 currently scheduled for September 30, 2003. First release of Transactional FMSFIE to be included.

96.015 – Facility Management Standard (FMSFIE)

Component 3 – FMSFIE Related Meetings & Briefings

- December 11, 2002 – Meeting for Review of Beta FMSFIE Browser, Patuxent River Naval Air Station, Maryland.

Component 4 – Develop Transactional Assets & Environmental Data Models

- Assets Development Web Site - http://tsc.wes.army.mil/products/tssds-tsfms/fms/projects/assets/assets.htm
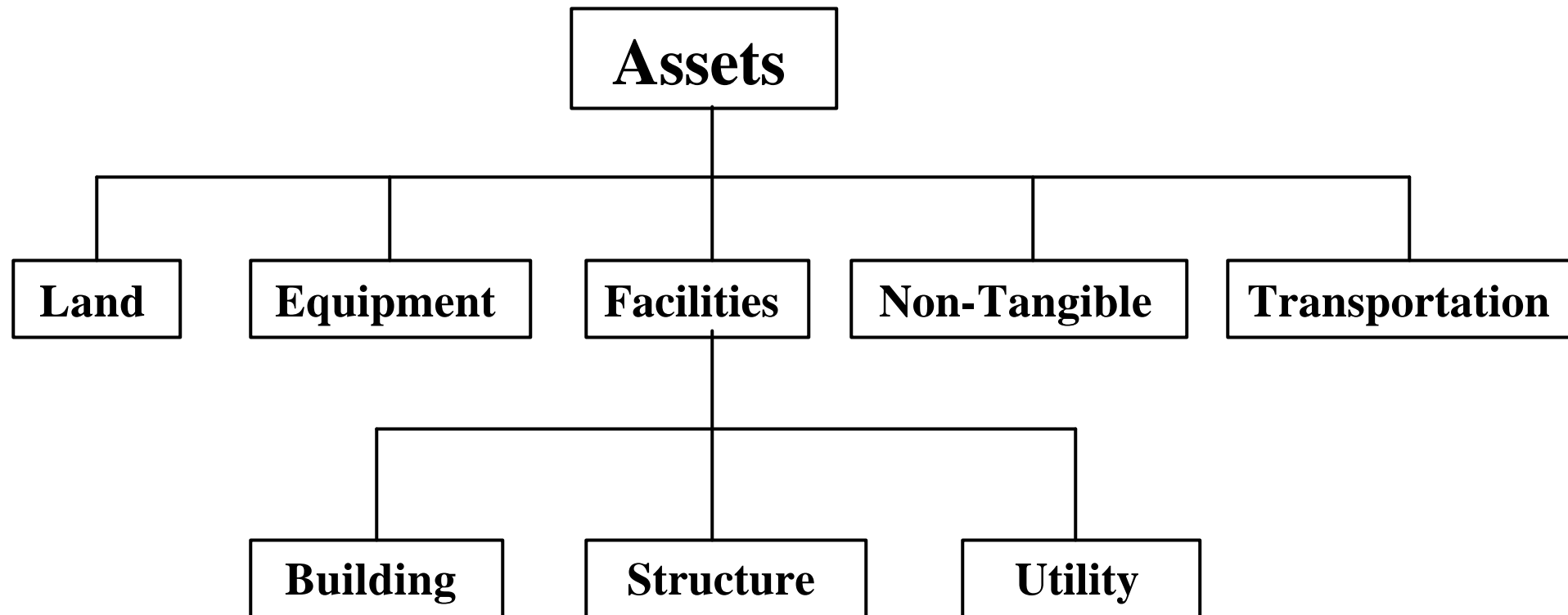
Component 4 – Develop Transactional Assets & Environmental Data Models

Status:

- Incorporated OSD Legal Reporting Requirements from "Assessment of DoD Real Property Information Systems" Report into Assets – Facilities Data Model.

- Identified Assets related components of NFADB (Navy), IWIMS/ACES (Air Force), & IFS-M (Army).

- Partnering with Patuxent River Naval Air Station.

- Completed Draft Logical Data Models for Facilities – Buildings Focus (Plumbing, HVAC, Telecommunications, Fire Protection & Suppression, Security, Architectural, Structural, Electrical, & Interior Design) – Based upon AEC CADD Standards.
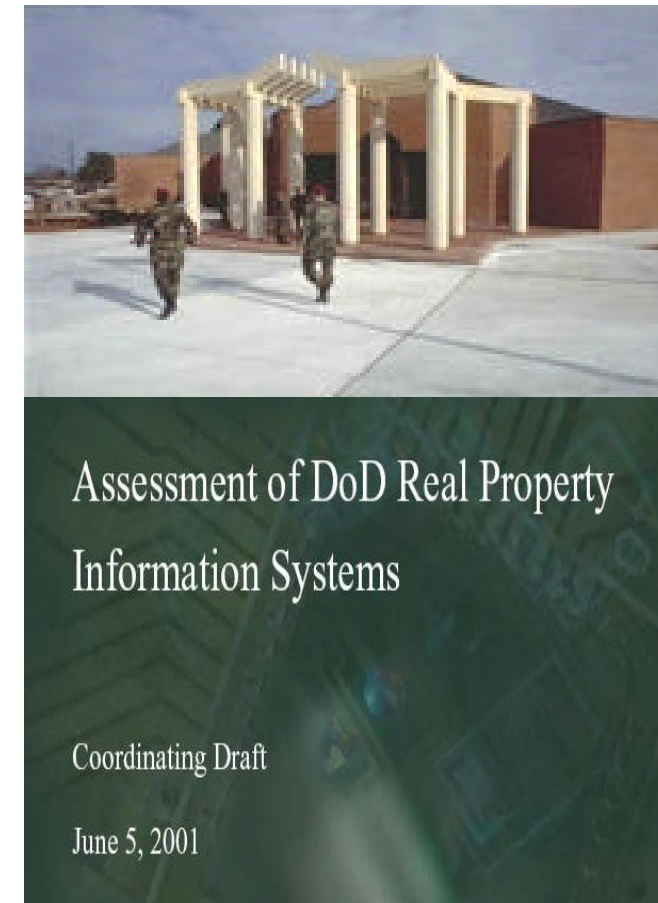
Assessment of DoD Real Property Information Systems

Coordinating Draft

June 5, 2001

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for facilities, infrastructure, & environment

Component 4 – Develop Transactional Assets & Environmental Data Models

Status (Cont.):

- Completed Physical Data Models for Facilities & Buildings Focus (Architectural).

- Completed Draft Logical Data Model for Utilities (inside building based upon AEC CADD Standard – Electrical, Fuel, Main, Water, Wastewater).
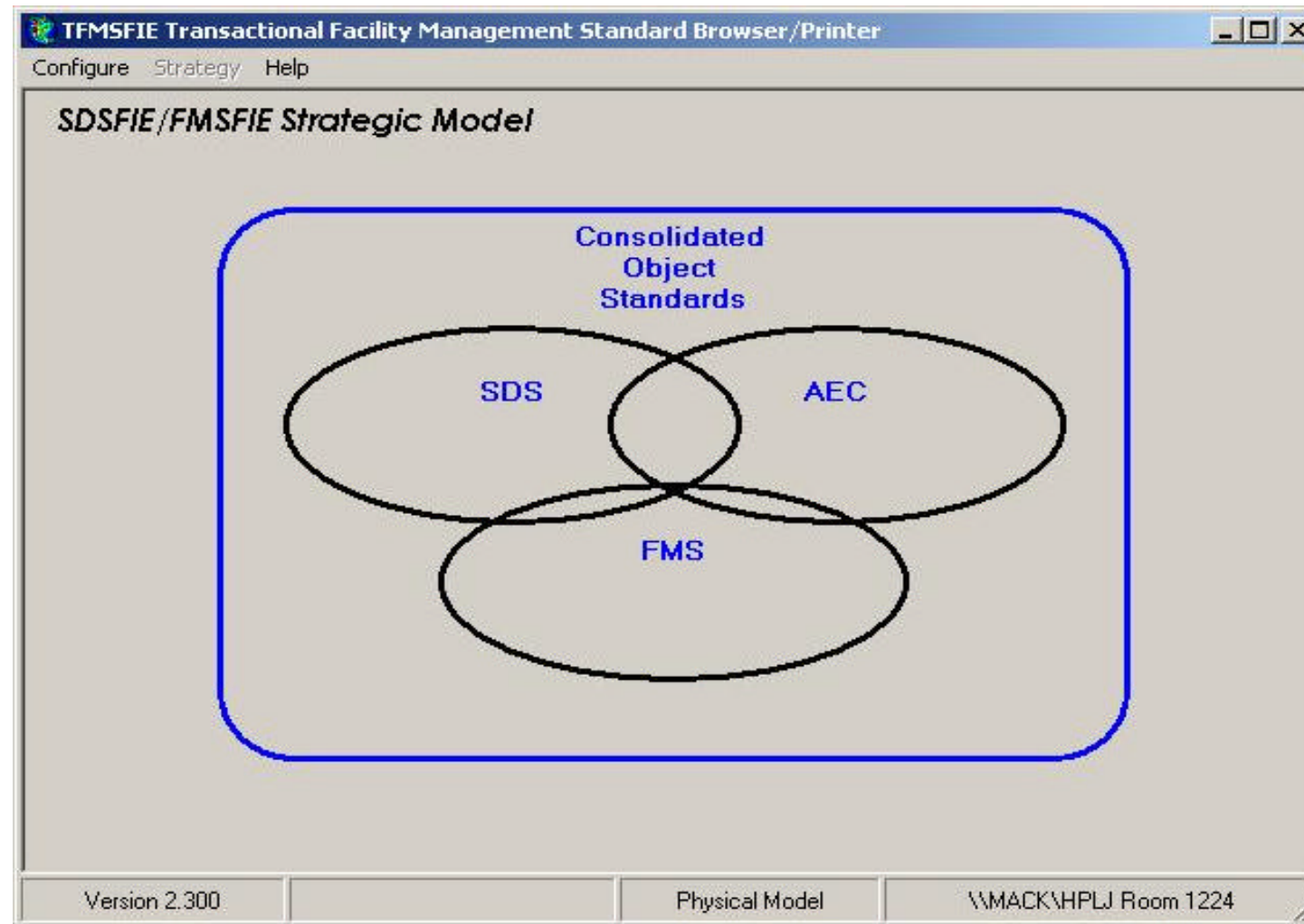
96.015 – Facility Management Standard (FMSFIE)

Component 5 – Enhance Federal Real Property Management Regulations Web Site

- Web Site developed to support Federal and DOD components in their effort to comply with the numerous U.S. Codes and Executive Orders governing the acquisition, maintenance, and disposal of Real Property holdings.

- Web Site URL - http://tsc.wes.army.mil/rpm/

- Web Site Expanded in FY02 to Link SDSFIE Entity Sets to Appropriate DoD Regulations.

- Partnering with Patuxent River Naval Air Station for Development.
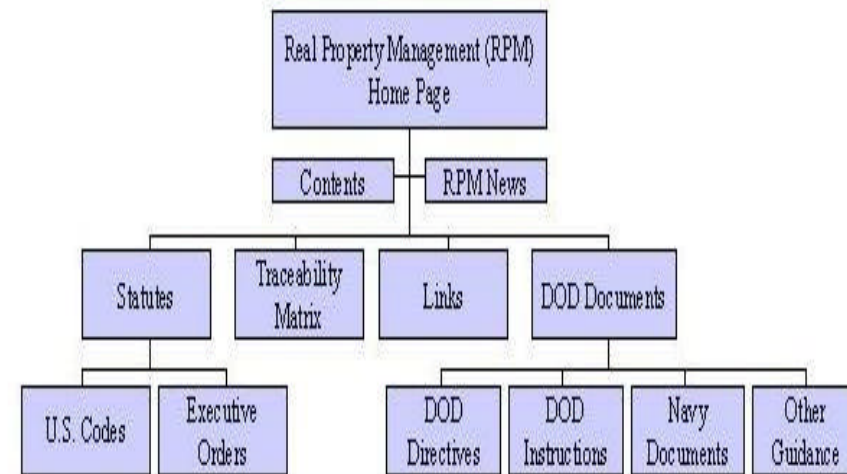
96.015 – Facility Management Standard (FMSFIE)

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